

## PCT REQUEST

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	06. 2. 04
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.150)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)
0-7	Applicant's or agent's file reference	YCT-907
I	Title of Invention	HETEROARYL 5-THIO- $\beta$ -D-GUCOPYRANOSIDE DERIVATIVES AND THERAPEUTIC AGENTS FOR DIABETES CONTAINING THE SAME
II	Applicant	
II-1	This person is	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	TAISHO PHARMACEUTICAL CO., LTD.
II-5	Address	24-1, Takata 3-chome, Toshima-ku, Tokyo 1708633 Japan
II-6	State of nationality	JP
II-7	State of residence	JP
III-1	Applicant and/or Inventor	
III-1-1	This person is	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	KAKINUMA, Hiroyuki
III-1-5	Address	c/o Taisho Pharmaceutical Co., Ltd. 24-1, Takata 3-chome, Toshima-ku, Tokyo 1708633 Japan
III-1-6	State of nationality	JP
III-1-7	State of residence	JP

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III-2	Applicant and/or inventor	
III-2-1	This person is	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	SATO, Masakazu
III-2-5	Address	c/o Taisho Pharmaceutical Co., Ltd. 24-1, Takata 3-chome, Toshima-ku, Tokyo 1708633 Japan
III-2-6	State of nationality	JP
III-2-7	State of residence	JP
III-3	Applicant and/or inventor	
III-3-1	This person is	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	AMADA, Hideaki
III-3-5	Address	c/o Taisho Pharmaceutical Co., Ltd. 24-1, Takata 3-chome, Toshima-ku, Tokyo 1708633 Japan
III-3-6	State of nationality	JP
III-3-7	State of residence	JP
III-4	Applicant and/or inventor	
III-4-1	This person is	applicant and inventor
III-4-2	Applicant for	US only
III-4-4	Name (LAST, First)	ASANUMA, Hajime
III-4-5	Address	c/o Taisho Pharmaceutical Co., Ltd. 24-1, Takata 3-chome, Toshima-ku, Tokyo 1708633 Japan
III-4-6	State of nationality	JP
III-4-7	State of residence	JP
III-5	Applicant and/or inventor	
III-5-1	This person is	applicant and inventor
III-5-2	Applicant for	US only
III-5-4	Name (LAST, First)	TSUCHIYA, Yuko
III-5-5	Address	c/o Taisho Pharmaceutical Co., Ltd. 24-1, Takata 3-chome, Toshima-ku, Tokyo 1708633 Japan
III-5-6	State of nationality	JP
III-5-7	State of residence	JP

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IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	SHAMOTO, Ichio
IV-1-2	Address	YUASA AND HARA Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 1000004 Japan
IV-1-3	Telephone No.	03-3270-6641
IV-1-4	Facsimile No.	03-3246-0233
IV-1-6	Agent's registration No.	100089705
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	MASUI, Chuji; KOBAYASHI, Yasushi; CHIBA, Akio; TOMITA, Hiroyuki; YAMAGUCHI, Akiko
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	01 April 2003 (01.04.2003)
VI-1-2	Number	2003-097838
VI-1-3	Country	JP
VI-2	Priority claim of earlier national application	
VI-2-1	Filing date	03 December 2003 (03.12.2003)
VI-2-2	Number	2003-404959
VI-2-3	Country	JP
VI-3	Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1, VI-2
VII-1	International Searching Authority Chosen	Japan Patent Office (ISA/JP)

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<b>VIII</b>	<b>Declarations</b>	<b>Number of declarations</b>	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
<b>IX</b>	<b>Check list</b>	<b>number of sheets</b>	<b>electronic file(s) attached</b>
IX-1	Request (including declaration sheets)	6	✓
IX-2	Description	95	-
IX-3	Claims	8	-
IX-4	Abstract	1	✓
IX-5	Drawings	0	-
IX-7	<b>TOTAL</b>	<b>110</b>	
	<b>Accompanying Items</b>	<b>paper document(s) attached</b>	<b>electronic file(s) attached</b>
IX-8	Fee calculation sheet	✓	-
IX-9	Original separate power of attorney	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-18	other		
IX-18	other		
IX-19	Figure of the drawings which should accompany the abstract		
IX-20	Language of filing of the international application	<b>Japanese</b>	
<b>X-1</b>	<b>Signature of applicant, agent or common representative</b>		
X-1-1	Name (LAST, First)	<b>SHAMOTO, Ichio</b>	<b>(Seal)</b>
X-1-2	Name of signatory		
X-1-3	Capacity		
<b>X-2</b>	<b>Signature of applicant, agent or common representative</b>		
X-2-1	Name (LAST, First)	<b>MASUI, Chuji</b>	<b>(Seal)</b>
X-2-2	Name of signatory		
X-2-3	Capacity		

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<b>X-3</b>	<b>Signature of applicant, agent or common representative</b>	
<b>X-3-1</b>	<b>Name (LAST, First)</b>	<b>KOBAYASHI, Yasushi</b> (Seal)
<b>X-3-2</b>	<b>Name of signatory</b>	
<b>X-3-3</b>	<b>Capacity</b>	
<b>X-4</b>	<b>Signature of applicant, agent or common representative</b>	
<b>X-4-1</b>	<b>Name (LAST, First)</b>	<b>CHIBA, Akio</b> (Seal)
<b>X-4-2</b>	<b>Name of signatory</b>	
<b>X-4-3</b>	<b>Capacity</b>	
<b>X-5</b>	<b>Signature of applicant, agent or common representative</b>	
<b>X-5-1</b>	<b>Name (LAST, First)</b>	<b>TOMITA, Hiroyuki</b> (Seal)
<b>X-5-2</b>	<b>Name of signatory</b>	
<b>X-5-3</b>	<b>Capacity</b>	
<b>X-6</b>	<b>Signature of applicant, agent or common representative</b>	
<b>X-6-1</b>	<b>Name (LAST, First)</b>	<b>YAMAGUCHI, Akiko</b> (Seal)
<b>X-6-2</b>	<b>Name of signatory</b>	
<b>X-6-3</b>	<b>Capacity</b>	

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<b>10-1</b>	<b>Date of actual receipt of the purported International application</b>	
<b>10-2</b>	<b>Drawings:</b>	
<b>10-2-1</b>	Received	
<b>10-2-2</b>	Not received	
<b>10-3</b>	<b>Corrected date of actual receipt due to later but timely received papers or drawings completing the purported International application</b>	
<b>10-4</b>	<b>Date of timely receipt of the required corrections under PCT Article 11(2)</b>	
<b>10-5</b>	<b>International Searching Authority</b>	<b>ISA/JP</b>
<b>10-6</b>	<b>Transmittal of search copy delayed until search fee is paid</b>	

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11-1	Date of receipt of the record copy by the International Bureau	
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